

SCANNED
3/9/15



Environmental Compliance and Remediation

June 25, 2010

Babb & Associates, P.A.

Mr. Ervin Lane, Hydrogeologist
Field Operations Branch
NC Solid Waste Section
Mail Service Center 1646
Raleigh, North Carolina 27699-1646

Re: 2010 First Semi-Annual Water Quality Monitoring Results
Wilson County MSWLF
Wilson, North Carolina

Dear Ervin:

Babb & Associates, P.A. has completed the 2010 first semi-annual monitoring event at the Wilson County MSWLF. On May 25, 2010, nine groundwater monitoring wells and five surface water stations were sampled and analyzed for Appendix 1 parameters. The samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B and inorganic compounds by EPA Method 6010B. Attached is Figure 1 that identifies sample locations and provides the potentiometric surface of the shallow groundwater.

No VOCs were detected at concentrations exceeding Solid Waste Section Limits (SWSL) in any of the nine groundwater monitoring wells. No VOCs were detected at concentrations exceeding the SWSLs in any of the five surface water samples.

Inorganic compounds were detected at concentrations exceeding the SWSLs in five of the nine groundwater monitoring wells (MW-1A, MW-3A, MW-4, MW-5, and MW-6). The inorganic compounds detected in the nine monitoring wells were all below the established 2L Groundwater Standards.

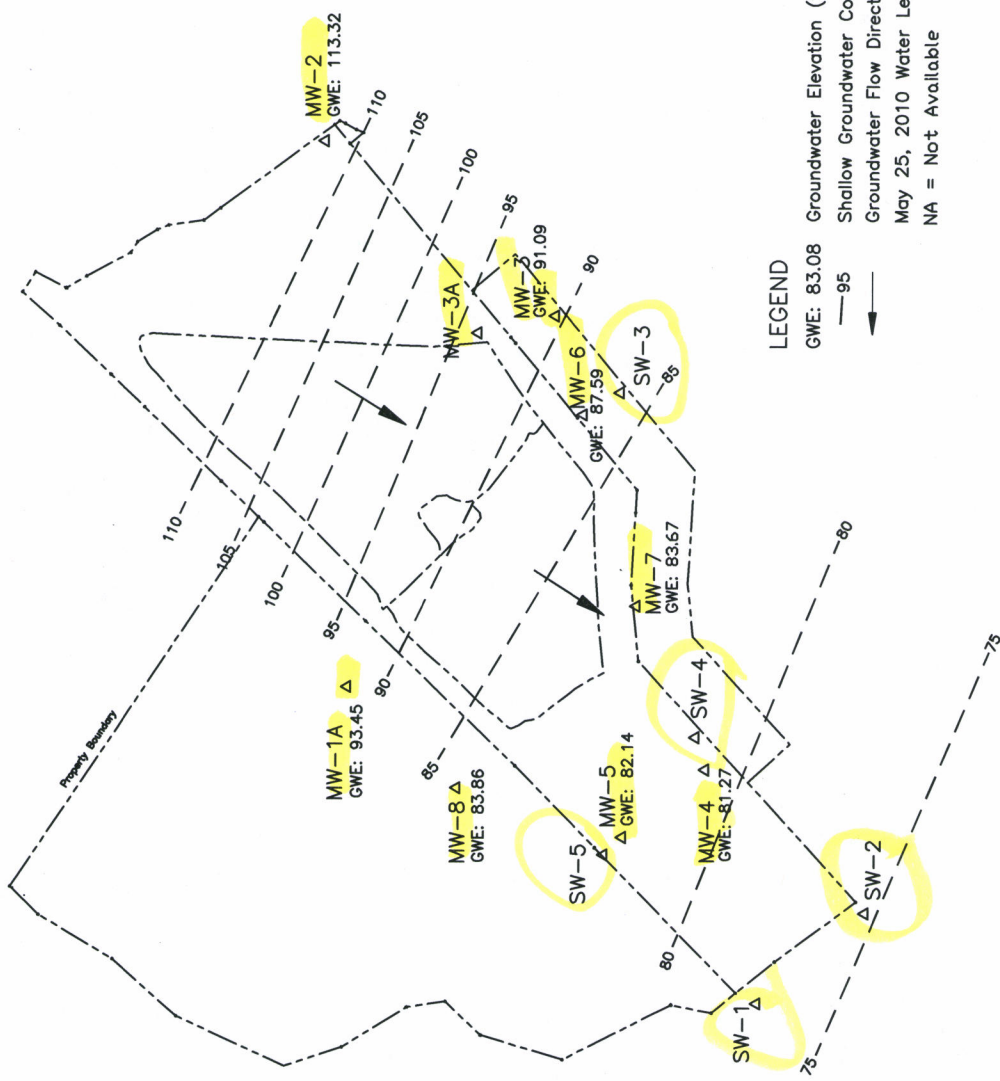
Inorganic compounds were detected above the SWSLs in all five of the surface water samples collected. The compound barium was detected below the establish 2B Surface Water Standard in SW-2, SW-3, and SW-4. The compound zinc was detected in SW-1 and SW-5, also below the established 2B Surface Water Standard.

No other parameters were detected at concentrations equaling or exceeding laboratory quantitation limits in the groundwater or surface water samples collected.

One trip blank was analyzed for volatile organic constituents for QA/QC purposes. The analysis of the trip blank indicated no detectable VOCs above the method detection limits.

P.O. Box 37697
Raleigh, NC 27627
(919) 325-0696

cc: Mr. Andy Davis, Director
Wilson County Solid Waste



TITLE: POTENTIOMETRIC MAP Wilson County Landfill State Road 1503 Wilson, North Carolina	FIGURE NO: Figure 1	SCALE: 1"=800'	PROJECT NO: WCLF
	CHECKED BY:	DRAWN BY: G. Babb	DATE: 5/25/10



Babb & Associates, P.A.